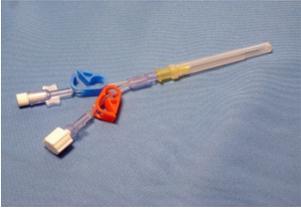
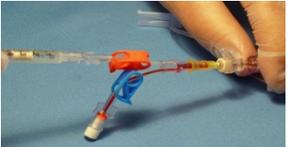
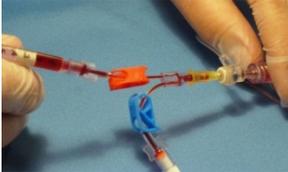


Hummi Micro-Draw PAL Blood Draw Guidelines

<p>Step 1 Prep Split-septum T-connector</p> <p>Wearing appropriate protective attire, prep the split-septum T-connector according to institutional policy.</p> 	<p>Step 2 Open and inspect Hummi-Micro Draw Device</p> <p>Open the Hummi Micro-Draw device and inspect. Make sure vent plug is in place on extension with Blue clamp. Make sure vent plug is in place on extension with Red clamp. The protective cover should be on the Hummi blunt tube.</p> 
<p>Step 3 Close Both Red and Blue Clamps</p> <p>Clamp both extension tubing clamps on the Hummi Micro-Draw.</p> <p>Close Red Clamp.</p> <p>Close Blue clamp.</p> 	<p>Step 4 Close T-connector with Slide Clamp</p> <p>Also clamp the split-septum T-connector tubing at this time using the attached slide clamp.</p> <p>This will stop the line flow into the arterial catheter line.</p> 
<p>Step 5 Insert Hummi Blunt Tube</p> <p>Remove the protective cover on the Hummi blunt tube.</p> <p>Hold the T-connector hub securely and SLOWLY insert the blunt tube into the T-connector split-septum at a 90 degree angle to the septum. (Keep straight on insertion)</p> 	<p>Step 6 Fully Insert Blunt Tube to Catheter Hub</p> <p>Insert the Hummi Micro-Draw blunt tube until it is fully inserted through the split-septum and stops with its tip inside the catheter hub.</p> 
<p>Step 7 Unclamp Blue Clamp to Allow Clearance Blood</p> <p>Unclamp Blue clamp and allow clearance blood to flow into extension tube until it meets the white vent plug.</p> <p>Immediately close the Blue clamp.</p> 	<p>Step 8 Attach Syringe to Red Clamp Extension Tube</p> <p>Remove white vent plug from extension tube with Red clamp.</p> <p>Pre-set self-venting syringe collection volume and attach to extension hub for blood sample.</p> 
<p>Step 9 Unclamp Red Clamp and Allow Blood Transfer</p> <p>Holding the syringe in tip down position, unclamp the Red clamp and allow clean blood to flow up into the collection syringe until it fills to the pre-set volume.</p> 	<p>Step 10 Close Red Clamp – Remove Sampling Syringe</p> <p>Close the Red clamp on the extension tubing to closed position.</p> <p>Remove and cap the sample syringe and set aside for testing.</p> 
<p>Step 11 Slowly Remove Hummi From T-connector</p> <p>Remove the Hummi Micro-Draw device slowly from T-connector while holding the T-connector hub securely.</p> <p>Unclamp the slide clamp from the T-connector tubing and resume normal arterial monitoring.</p> 	<p>Step 12 Clean T-connector Split-septum</p> <p>Clean the T-connector split-septum with appropriate anti-microbial.</p> <p>Unclamp the slide clamp on the T-connector tubing and resume normal monitoring.</p> <p>Flushing at this point is optional and may not be necessary.</p> 